

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Steven T. Rosenberg et al.

Confirmation No.:

Application No.:

Examiner:

Filing Date: Herewith

Group Art Unit:

Title: IMAGE-BASED CONTROL OF VIDEO GAMES

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:  
☐ Statement under 37 CFR 1.97(e), or  
☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:  
☐ Statement under 37 CFR 1.97(e)(1) or (2), and  
☐ a \$180.00 fee set forth in 37 CFR 1.17(p).  
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. **ET649780229US**

Date of Deposit **July 11, 2003**

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

By

Typed Name: **Edouard Garcia**

Respectfully submitted,

**Steven T. Rosenberg et al.**

By



**Edouard Garcia**

Attorney/Agent for Applicant(s)

Reg. No. **38,461**

Date: **July 11, 2003**

<b>FORM PTO-1449</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)	ATTY. DOCKET NO. <b>100202494-1</b>	APPLICATION NO.	CONFIRMATION NO.
	APPLICANT <b>Steven T. Rosenberg et al.</b>		
	FILING DATE <b>Her with</b>	GROUP	

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	6,540,607	Apr. 1, 2003	Mokris et al.	
	1B	6,524,186	Feb. 25, 2003	Takatsuka et al.	
	1C	6,517,438	Feb. 11, 2003	Tosaki et al.	
	1D	6,396,476	May 28, 2002	Bradski et al.	
	1E	6,373,047	Apr. 16, 2002	Adan et al.	
	1F	6,312,335	Nov. 6, 2001	Tosaki et al.	
	1G	6,259,433	Jul. 10, 2001	Meyers	
	1H	6,160,926	Dec. 12, 2000	Dow et al.	
	1I	6,159,099	Dec. 12, 2000	Chen	
	1J	5,853,327	Dec. 29, 1998	Gilboa	
	1K	5,831,554	Nov. 3, 1998	Hedayat et al.	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L	WO97/36224	Oct. 2, 1997	Kuzin	Cover page (Abstract & Figure)	x
	1M					
	1N					
	1O					
	1P					

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	G. Chambers, S. Venkatesh, G. West and H. H. Bui (2002) Hierarchical recognition of intentional human gestures for sports video annotation. International Conference on Pattern Recognition (ICPR-2002). Quebec, Canada (2002).
	1R	Lee et al., "Design of Padless MOUSE System with MEMS Accelerometers and Analog Read-Out Circuitry," 38th Design Automation Conference, Las Vegas, Jun/18-22/2001.
	1S	S. Lee, G. Nam, J. Chae, H. Kim, and A. J. Drake, "Two-Dimensional Position Detection System with MEMS Accelerometers for MOUSE Applications", The Proceedings of the 38th Design Automation Conference (DAC 2001), Las Vegas, NV, June 2001.

EXAMINER

DATE CONSIDERED

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	2A	5,829,745	Nov. 3, 1998	Houle	
	2B	5,741,182	Apr. 21, 1998	Lipps et al.	
	2C	5,644,139	Jul. 1, 1997	Allen et al.	
	2D	5,578,813	Nov. 26, 1996	Allen et al.	
	2E	5,232,223	Aug. 3, 1993	Dornbusch	
	2F	4,686,361	Aug. 11, 1987	Bard	
	2G	4,111,421	Sep. 5, 1978	Mierzewski	
	2H	2003/0052862	Mar. 10, 2003	Larkin	
	2I	2002/0165030	Nov. 7, 2002	Kobayashi et al.	
	2J	2002/0065121	May 30, 2002	Fukunaga et al.	
	2K	2002/0021277	Feb. 21, 2002	Kramer et al.	

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		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	2L					
	2M					
	2N					
	2O					
	2P					

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	2Q	Agilent ADNS-2001 Optical Mouse Sensor, Agilent Technologies, Inc. (2001).
	2R	Optical Mice and how they work: The Optical Mouse is a complete imaging system in a tiny package, Agilent Technologies, Inc. (2001).
	2S	Fuhrmann et al., "The Blue Wand as Interface for Ubiquitous and Wearable Computing Environments," Proc. 5th European Personal Mobile Communications Conference (EPMCC), Glasgow, Scotland, April 2003.

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DATE CONSIDERED